Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations APPROVED
mohammad
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Quant Time: Dec 05 04:54:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	27748	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	104724	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	83224	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	214613m	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	204564	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	202762	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	370m	0.48	ng/uL	-0.02
5) Phenol-d5	7.38	99	12612	4.53	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	7811	4.92	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.77	132	10521	5.64	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	7587	3.55	ng/ul	-0.02
19) Nitrobenzene-d5	9.41	128	6145	7.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	5976	6.33	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.69	165	12557	5.81	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.21	131	9360	4.28	ng/ul	-0.01
44) Dimethylphthalate-d6	14.25	166	43860	6.14	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	50626	6.13	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.04	143	3957	3.63	ng/ul	0.00
58) Fluorene-d10	15.85	176	40944	6.26	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	6637m	5.43	ng/ul	-0.02
71) Anthracene-d10	17.70	188	67244m	6.32	ng/ul	-0.02
79) Pyrene-d10	19.96	212	82433	6.92	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.02	264	79712	6.83	ng/ul	-0.04
Target Compounds						Qvalue
6) Phenol	7.41	94	4150	1.557	ng/ul#	87
45) Dimethylphthalate	14.30	163	17569	2.411	ng/ul#	95
77) Fluoranthene	19.63	202	29715m	2.030	ng/ul	
80) Pyrene	19.99	202	29304	2.022	ng/ul#	89
83) Benzo(a)anthracene	21.86	228	17513	1.203	ng/ul#	95
85) Chrysene	21.92	228	17576m	1.269	ng/ul	
88) Benzo(b)fluoranthene	24.20	252	22547m	1.575	ng/ul	
91) Benzo(a)pyrene	25.09	252	15161m	1.188	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Manual Integrations APPROVED
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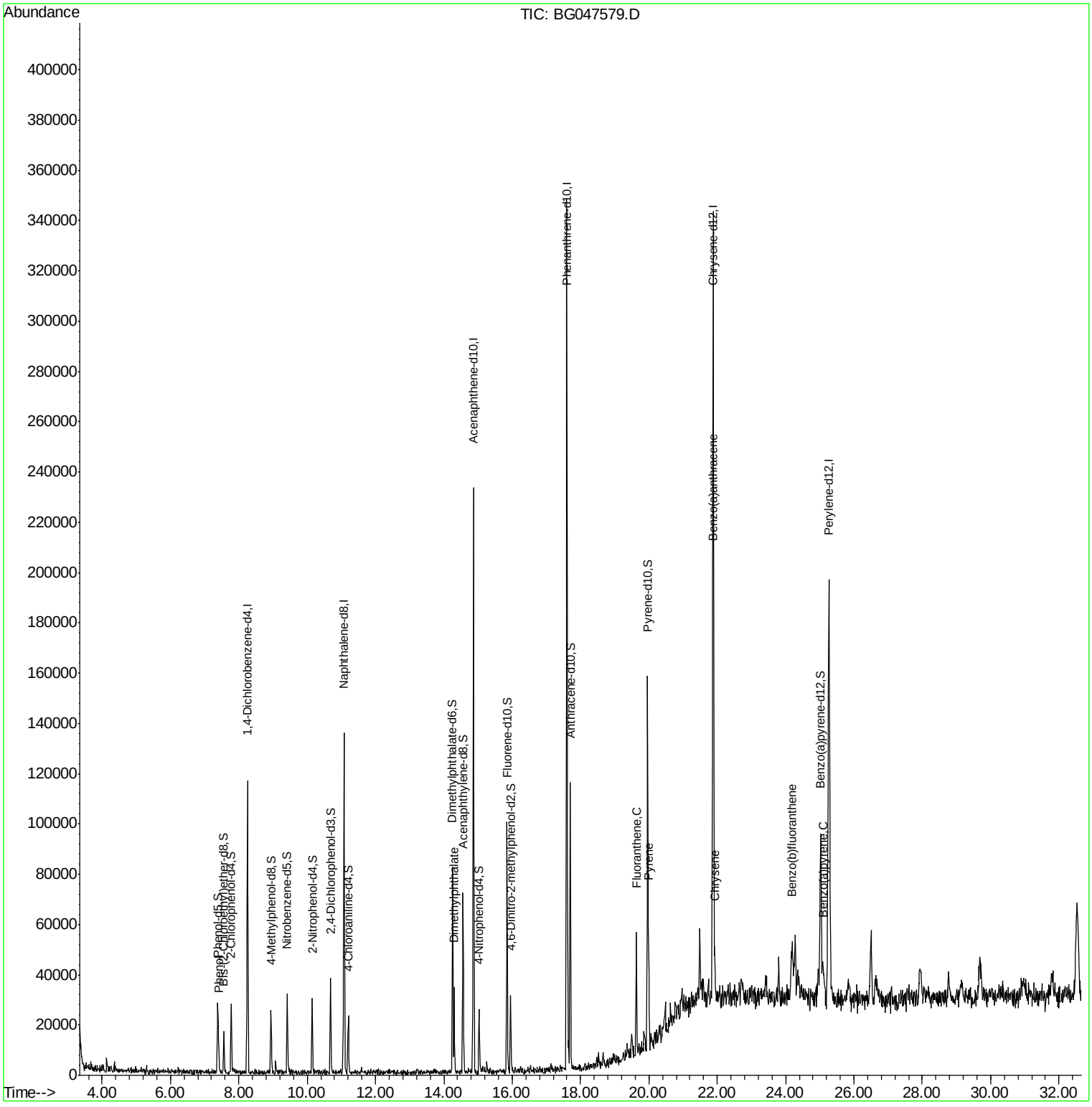
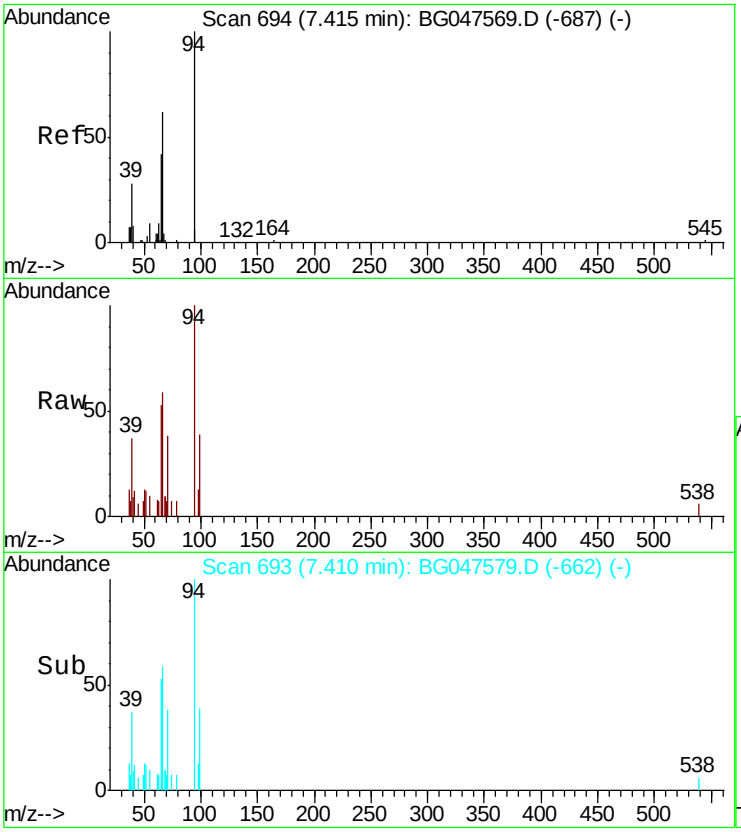
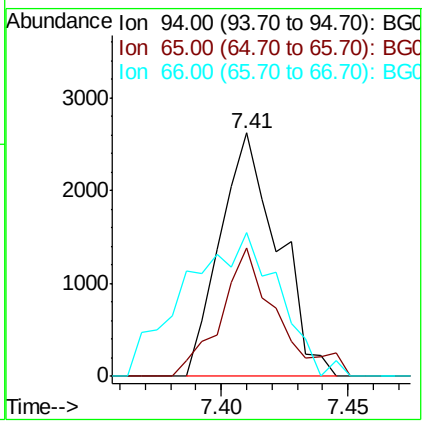




#6
Phenol
Concen: 1.557 ng/ul
RT: 7.41 min Scan# 693
Delta R.T. -0.02 min
Lab File: BG047579.D
Acq: 4 Dec 2020 20:38

Tgt Ion: 94 Resp: 4150

Ion	Ratio	Lower	Upper
94	100		
65	52.7	31.2	46.8#
66	58.9	52.2	78.2



Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations APPROVED
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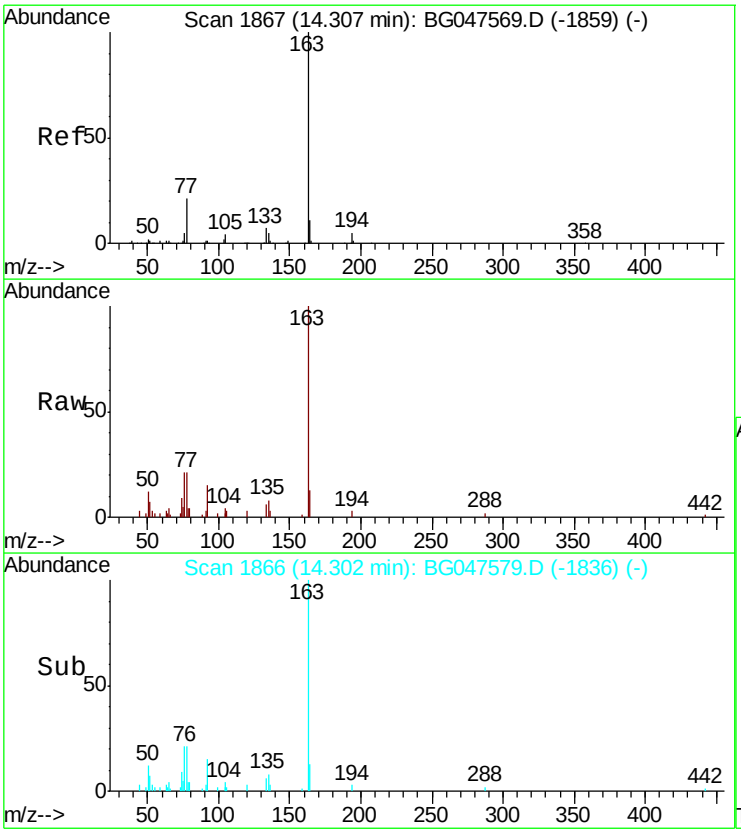
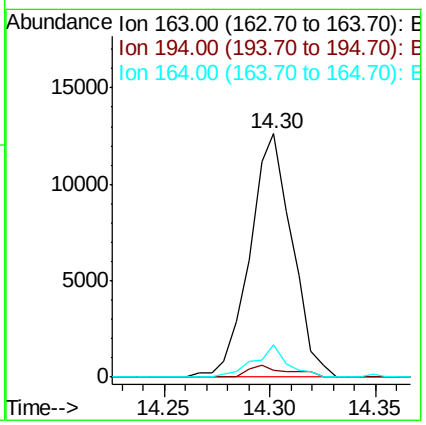
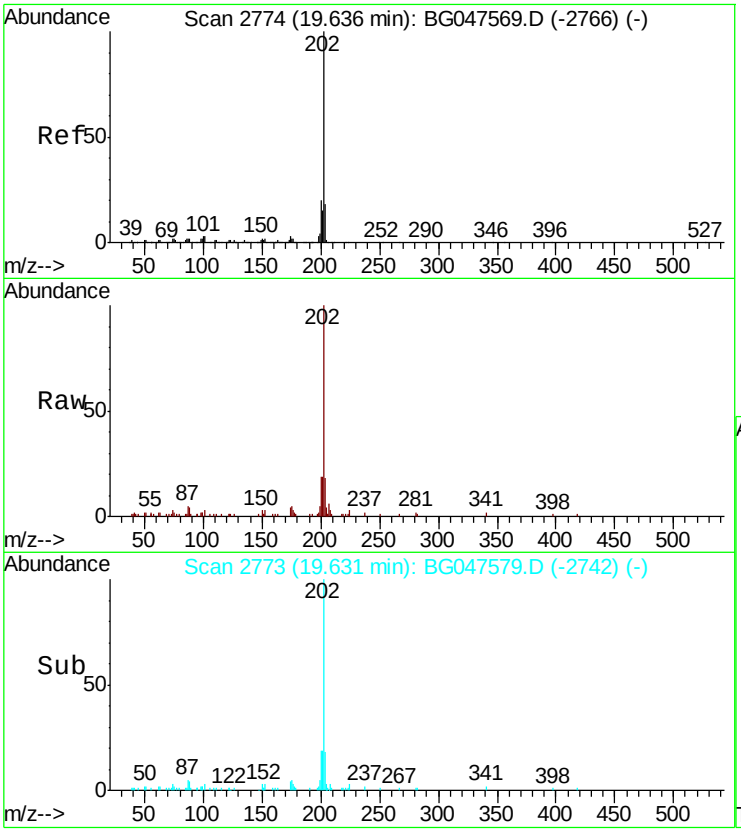


#45
Dimethylphthalate
Concen: 2.411 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG047579.D
Acq: 4 Dec 2020 20:38

Tgt Ion:163 Resp: 17569

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.4	5.2#
164	13.1	8.8	13.2

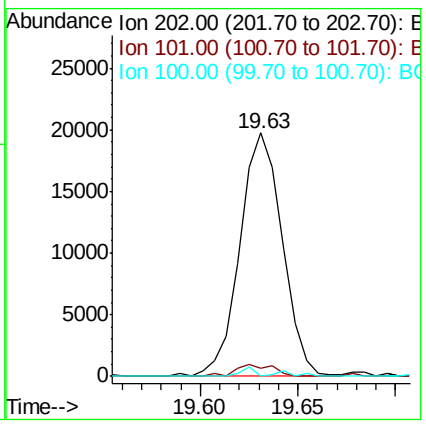




#77
Fluoranthene
Concen: 2.030 ng/ul m
RT: 19.63 min Scan# 2773
Delta R.T. -0.02 min
Lab File: BG047579.D
Acq: 4 Dec 2020 20:38

Tgt Ion:202 Resp: 29715

Ion	Ratio	Lower	Upper
202	100		
101	3.3	3.3	4.9#
100	3.3	3.4	5.0#



Instrument :
BNA_G
ClientSampleId :
C0B27

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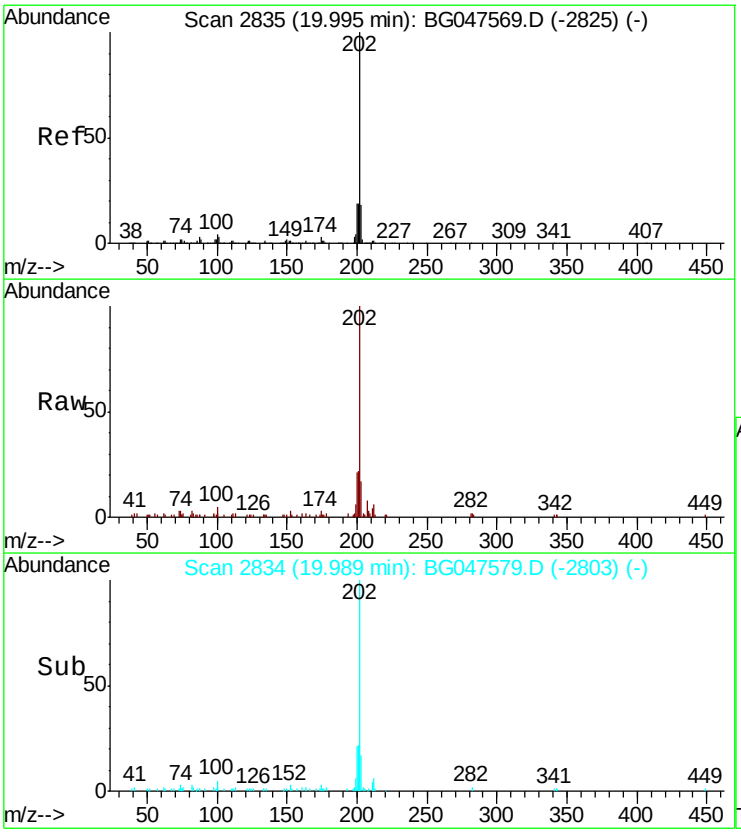
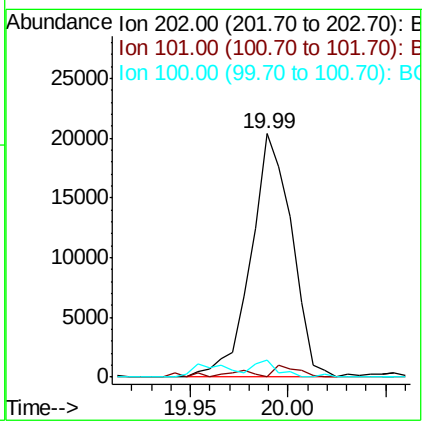
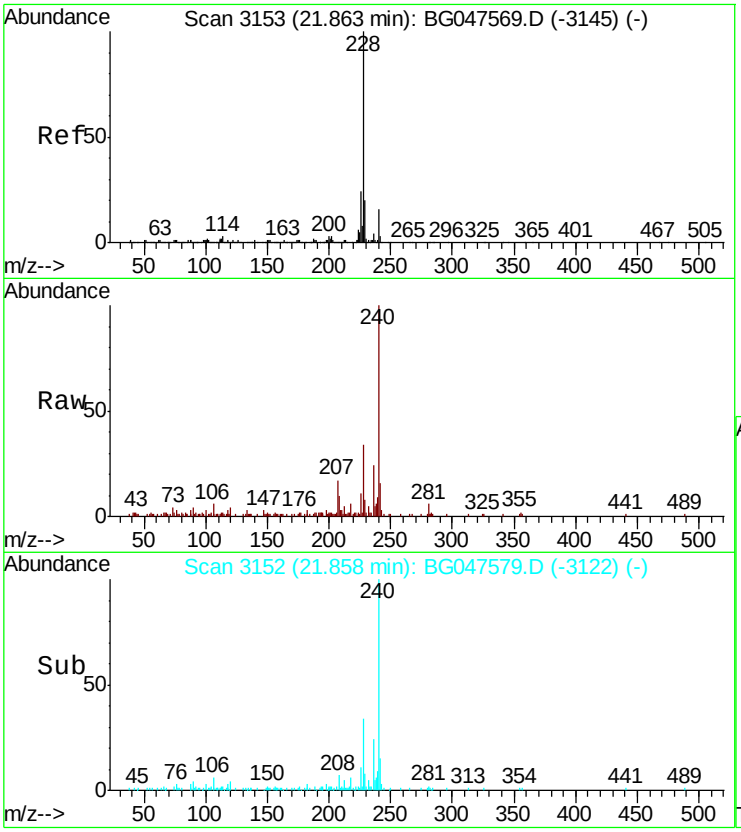


#80
Pyrene
Concen: 2.022 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BG047579.D
Acq: 4 Dec 2020 20:38

Tgt Ion:202 Resp: 29304

Ion	Ratio	Lower	Upper
202	100		
101	0.0	5.0	7.4#
100	6.8	4.6	7.0

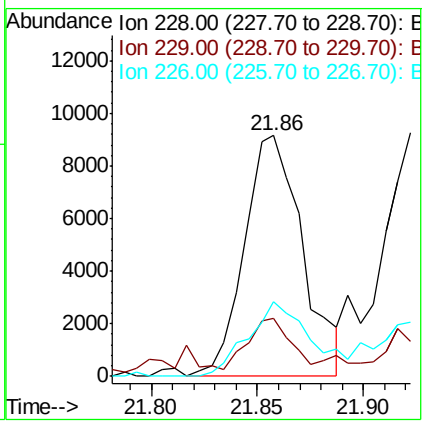




#83
Benzo(a)anthracene
Concen: 1.203 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG047579.D
Acq: 4 Dec 2020 20:38

Tgt Ion:228 Resp: 17513

Ion	Ratio	Lower	Upper
228	100		
229	24.3	16.2	24.2#
226	30.8	23.3	34.9



Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations APPROVED
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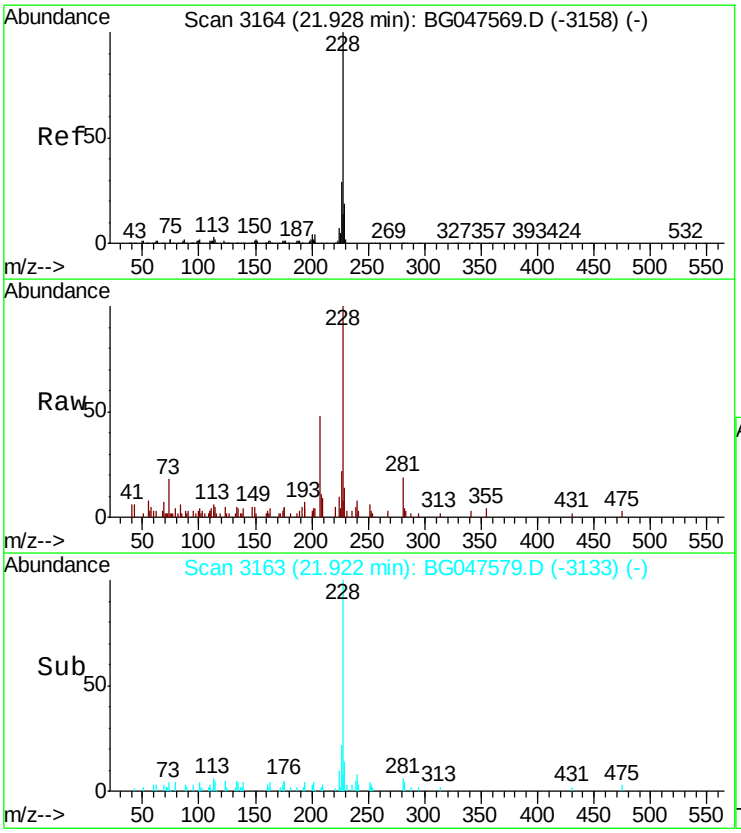
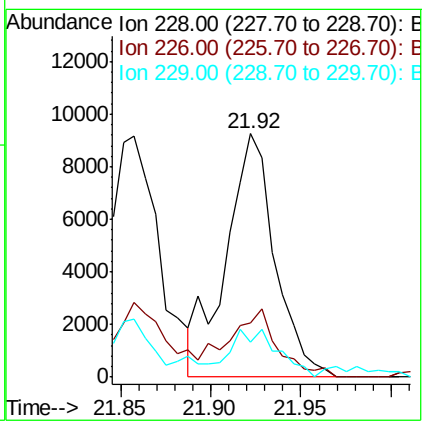
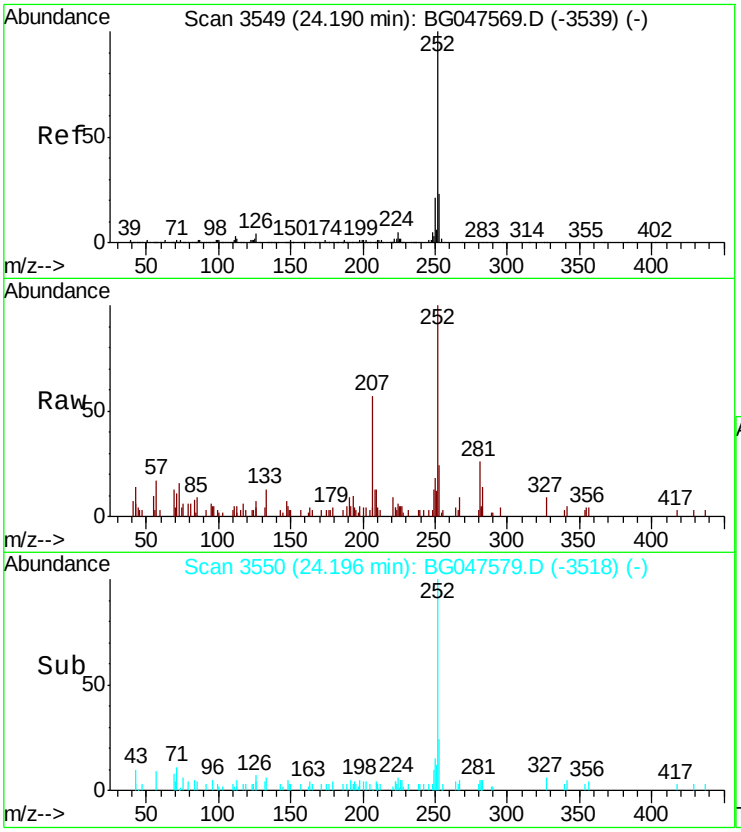


#85
Chrysene
Concen: 1.269 ng/ul m
RT: 21.92 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG047579.D
Acq: 4 Dec 2020 20:38

Tgt Ion:228 Resp: 17576

Ion	Ratio	Lower	Upper
228	100		
226	22.3	23.8	35.6#
229	14.2	16.3	24.5#

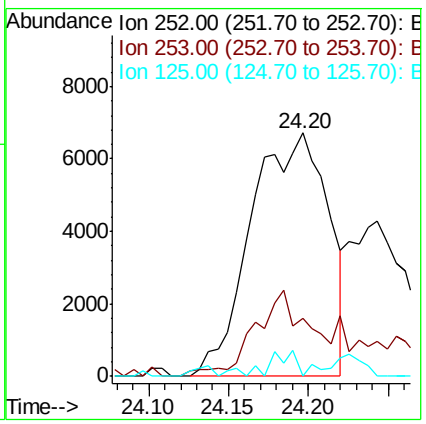




#88
Benzo(b)fluoranthene
Concen: 1.575 ng/ul m
RT: 24.20 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG047579.D
Acq: 4 Dec 2020 20:38

Tgt Ion:252 Resp: 22547

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	0.0	2.5	3.7#



Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations APPROVED
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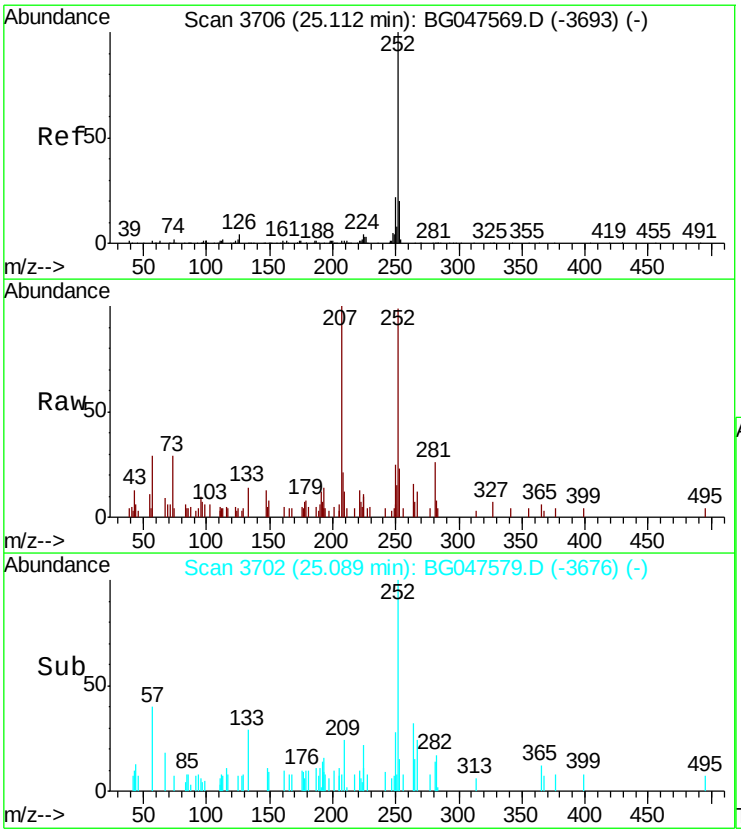

#91
Benzo(a)pyrene
Concen: 1.188 ng/ul m
RT: 25.09 min Scan# 3702
Delta R.T. -0.05 min
Lab File: BG047579.D
Acq: 4 Dec 2020 20:38

Tgt Ion:252 Resp: 15161

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	3.6	3.1	4.7